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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/819,094

DATE: 10/10/2001
TIME: 10:12:44

Input Set : A:\UCSF-018-02US.txt
Output Set: N:\CRF3\10102001\I819094.raw

3 <110> APPLICANT: Weiner, Richard I.
4 Martial, Joseph A.
5 Struman, Ingrid
6 Taylor, Robert
7 Bentzien, Frauke
9 <120> TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
10 Therapeutic and Diagnostic Use
12 <130> FILE REFERENCE: UCSF-018/02US
14 <140> CURRENT APPLICATION NUMBER: 09/819,094
15 <141> CURRENT FILING DATE: 2001-03-27
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18 <151> PRIOR FILING DATE: 1998-05-12
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21 <151> PRIOR FILING DATE: 1997-05-12
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27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
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33 ttcgataaac ggtataccca tggccgggg ttcattacca aggccatcaa cagctgccac 180
34 acttcttccc ttgccacccc cgaagacaag gagcaagccc aacagatgaa tcaaaaagac 240
35 ttcttgagcc tgatagttag catattgcga tcctgaaatg agcctctgtt tcattctggc 300
36 acggaagtac gtggatgca agaagcccg gaggctatcc tatccaaagc tgttagagatt 360
37 gaggagcaaa ccaaacggct tctagagggc atggagctga tagtcagcca gttcatccct 420
38 gaaacccaaag aaaatgagat ctaccctgtc tggtcggac ttccatccct gcagatggct 480
39 gatgaagaat ctcgccttgc tgcttattat aacctgctcc actgcctacg caggcattca 540
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51 ttcgataaac ggtataccca tggccgggg ttcattacca aggccatcaa cagctccac 180
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 65 ttgcataaac ggtataaccca tggccggggg ttcattacca aggccatcaa cagctccac 180
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 67 ttctgagcc tgatagtcag catattgcga tcctggaatg agcctctgtc tcatctggc 300
 68 acggaagtac gtggatgc aagaagcccg gaggtatcc tatccaaagc tgttagagatt 360
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117 tgaagaaggg aacgggtgggg gcttctgttc ctcggtcgaa ttgtctactt agttttctg 240
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 132 aaagactcgg actatcagtc gtataacgct aggaccttac tcggagacat agtagaccag 300
 133 tgccttcatg caccatacgt tcttcggggc ctccgatagg ataggttgc acatctctaa 360
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 164 Arg Asp Leu Phe Asp Arg Ala Val Val Leu Ser His Tyr Ile His Asn
 165 20 25 30
 167 Leu Ser Ser Glu Met Phe Ser Glu Phe Asp Lys Arg Tyr Thr His Gly
 168 35 40 45
 170 Arg Gly Phe Ile Thr Lys Ala Ile Asn Ser Cys His Thr Ser Ser Leu
 171 50 55 60
 173 Ala Thr Pro Glu Asp Lys Glu Gln Ala Gln Gln Met Asn Gln Lys Asp
 174 65 70 75 80
 176 Phe Leu Ser Leu Ile Val Ser Ile Leu Arg Ser Trp Asn Glu Pro Leu

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Input Set : A:\UCSF-018-02US.txt
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180	100	105	110	
182	Ile Leu Ser Lys Ala Val Glu Ile Glu Glu Gln Thr Lys Arg Leu Leu			
183	115	120	125	
185	Glu Gly Met Glu Leu Ile Val Ser Gln Val His Pro Glu Thr Lys Glu			
186	130	135	140	
188	Asn Glu Ile Tyr Pro Val Trp Ser Gly Leu Pro Ser Leu Gln Met Ala			
189	145	150	155	160
191	Asp Glu Glu Ser Arg Leu Ser Ala Tyr Tyr Asn Leu Leu His Cys Leu			
192	165	170	175	
194	Arg Arg Asp Ser His Lys Ile Asp Asn Tyr Leu Lys Leu Leu Lys Cys			
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211	20	25	30	
213	Leu Ser Ser Glu Met Phe Ser Glu Phe Asp Lys Arg Tyr Thr His Gly			
214	35	40	45	
216	Arg Gly Phe Ile Thr Lys Ala Ile Asn Ser Ser His Thr Ser Ser Leu			
217	50	55	60	
219	Ala Thr Pro Glu Asp Lys Glu Gln Ala Gln Gln Met Asn Gln Lys Asp			
220	65	70	75	80
222	Phe Leu Ser Leu Ile Val Ser Ile Leu Arg Ser Trp Asn Glu Pro Leu			
223	85	90	95	
225	Tyr His Leu Val Thr Glu Val Arg Gly Met Gln Glu Ala Pro Glu Ala			
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241	Arg Asp Leu Phe Asp Arg Ala Val Val Leu Ser His Tyr Ile His Asn			
242	20	25	30	
244	Leu Ser Ser Glu Met Phe Ser Glu Phe Asp Lys Arg Tyr Thr His Gly			
245	35	40	45	
247	Arg Gly Phe Ile Thr Lys Ala Ile Asn Ser Ser His Thr Ser Ser Leu			
248	50	55	60	

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250 Ala Thr Pro Glu Asp Lys Glu Gln Ala Gln Gln Met Asn Gln Lys Asp
251 65 70 75 80
253 Phe Leu Ser Leu Ile Val Ser Ile Leu Arg Ser Trp Asn Glu Pro Leu
254 85 90 95
256 Tyr His Leu Val Thr Glu Val Arg Gly Met Gln Glu Ala Pro Glu Ala
257 100 105 110
259 Ile Leu Ser Lys Ala Val Glu Ile Glu Glu Gln Thr Lys Arg Leu Leu
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278 Leu Ser Ser Glu Met Phe Ser Glu Phe Asp Lys Arg Tyr Thr His Gly
279 35 40 45
281 Arg Gly Phe Ile Thr Lys Ala Ile Asn Ser Ser His Thr Ser Ser Leu
282 50 55 60
284 Ala Thr Pro Glu Asp Lys Glu Gln Ala Gln Gln Met Asn Gln Lys Asp
285 65 70 75 80
287 Phe Leu Ser Leu Ile Val Ser Ile Leu Arg Ser Trp Asn Glu Pro Leu
288 85 90 95
290 Tyr His Leu Val Thr Glu Val Arg Gly Met Gln Glu Ala Pro Glu Ala
291 100 105 110
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308 cagaagtatt cgttccctgca tgactcccag acctccttct otttctcaga ctctattccg 180
309 acaccctcca acatggagga aacgcaacag aaatccaatc tagagctgct ccgcatactcc 240
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/819,094

DATE: 10/10/2001

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